

JPW



Docket No.: SON-3163

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Tomiji Tanaka, et al

Application No.: 10/579,903

Confirmation No.: 6919

Filed: May 19, 2006

Art Unit: 2828

For: EXTERNAL CAVITY TYPE  
SEMICONDUCTOR LASER

Examiner: Minsun Oh Harvey

**SECOND INFORMATION DISCLOSURE STATEMENT (IDS)**

MS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Further to the IDS at filing and in accordance with the requirements of 37 CFR §§ 1.56 and MPEP 609, the Applicant, through its attorneys and representatives, hereby brings to the attention of the Examiner the three documents noted on the attached Form PTO-1449, copies of which are enclosed. Two of the documents, i.e. JP 2002-131583 and 2003-283036 were cited in the IDS at filing, as was the Mizuno article; each of these three documents was cited in the ISR for the parent PCT application. This submission is timely in that it is made prior to a first action on the merits.

This will also certify that each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. Specifically, each of the Japanese documents was noted in an Action dated June 12, 2007 in the corresponding priority application in Japan. A copy of a translation of the Japanese action is provided to see the perceived relevance of the cited documents by the Japanese searching authority.

It is requested that the Examiner review the references noted, together with the prior submission and the information in the background of the invention in the specification as filed, and make such consideration of record.

No fee is believed to be due with this submission. However, the Director is authorized to charge any fee deficiency or credit any overpayment to the Deposit Account of the undersigned, for matter No. SON-3163.

Dated: August 21, 2007

Respectfully submitted,

By 

Ronald P. Kananen

Registration No.: 24,104

RADER, FISHMAN & GRAUER PLLC

1233 20th Street, N.W.

Suite 501

Washington, DC 20036

(202) 955-3750



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|--|---|----|---|--------------------------|------------------------|
| Substitute for form 1449/PTO   |   |    |   | <b>Complete if Known</b> |                        |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(Use as many sheets as necessary)</i> |   |    |   | Application Number       | 10/579,903-Conf. #6919 |
|  |   |    |   | Filing Date              | May 19, 2006           |
|  |   |    |   | First Named Inventor     | Tomiji Tanaka          |
|  |   |    |   | Art Unit                 | 2828                   |
|  |   |    |   | Examiner Name            | Not Yet Assigned       |
| Sheet  | 1 | of | 1 | Attorney Docket Number   | SON-3163               |

| U.S. PATENT DOCUMENTS |                          |  |                                |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       |                          |  |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                          |   |                                   |  |   |                |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
|                          | BA                       | JP-2002-148492  | 05-22-2002                        | Sumitomo Electric Industries                       |   |                |
|                          | BB                       | JP-2002-131583  | 05-09-2002                        | Furukawa Electric Co Ltd                           |   |                |
|                          | BC                       | JP-2003-283036  | 10-03-2003                        | Furukawa Electric Co Ltd                           |   |                |

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |                          |  |                |   |
|---------------------------------|--------------------------|--|----------------|---|
| Examiner<br>Initials*           | Cite<br>No. <sup>1</sup> | Include name of the author ( in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |   |
|                                 | CA                       | T. Mizuno et al "100mW Kink-free Blue-violet Laser Diodes with Low Aspect Ratio" Soney Research Forum (2001) pgs 201-206   |                |   |
|                                 | CB                       | English Language Translation of Notification of Reasons of Refusal dated June 12, 2007, issued in Japanese Application No. 2003-404693   |                | √ |
|                                 | CC                       | Notification of Reasons of Refusal dated June 12, 2007, issued in Japanese Application No. 2003-404693   |                | √ |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|